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# Illustrated Catalogue

OF

## FAIRBANKS'

### Standard Platform and Counter

## SCALES,

MANUFACTURED BY

E. & T. FAIRBANKS & CO.

ST. JOHNSBURY, VERMONT, U. S. A.

PRINCIPAL WAREHOUSES :

No. 252 BROADWAY, New York.

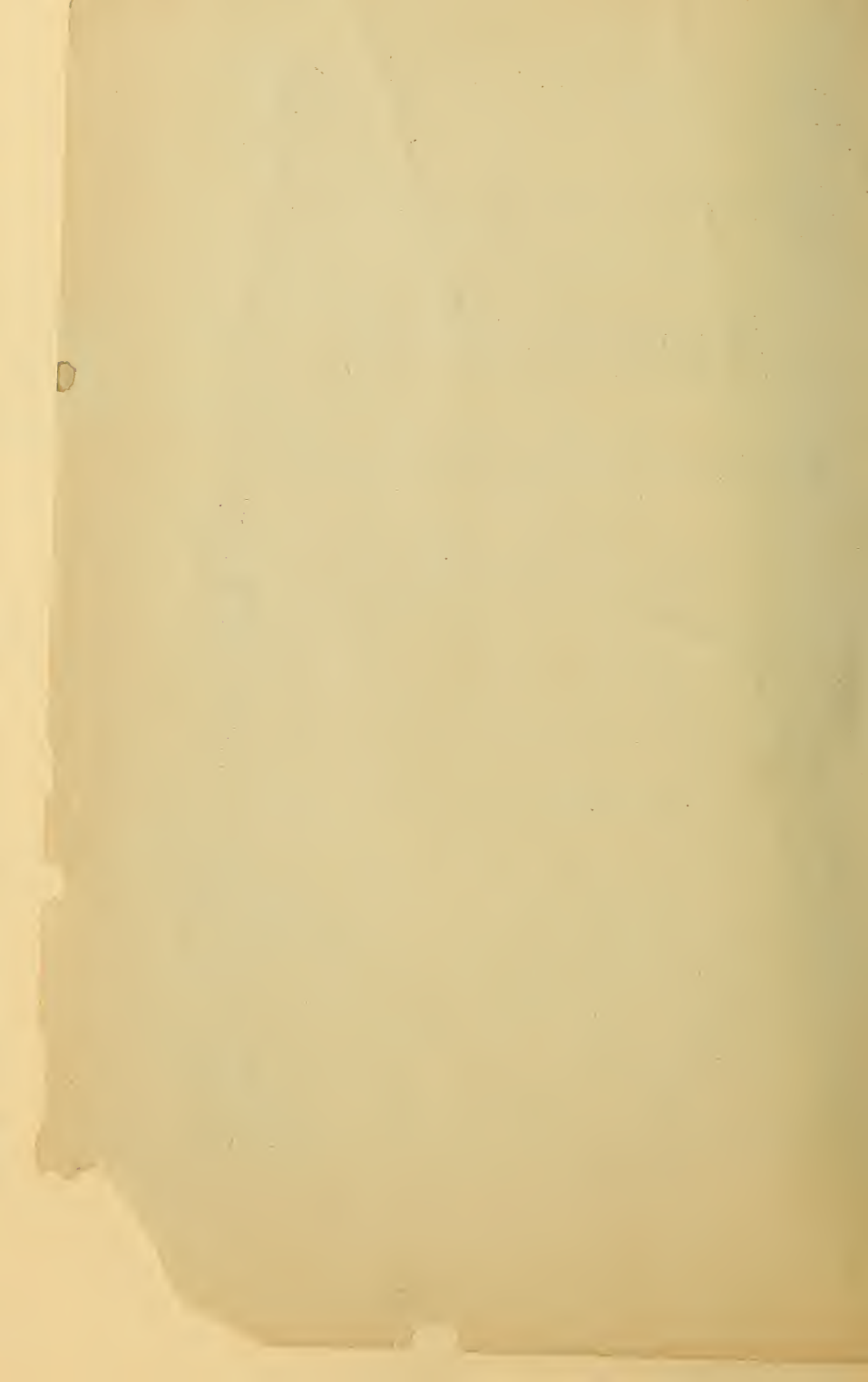
No. 118 MILK ST., Boston.

1867.

Baker & Godwin, Printers, Printing-House Square, New York.

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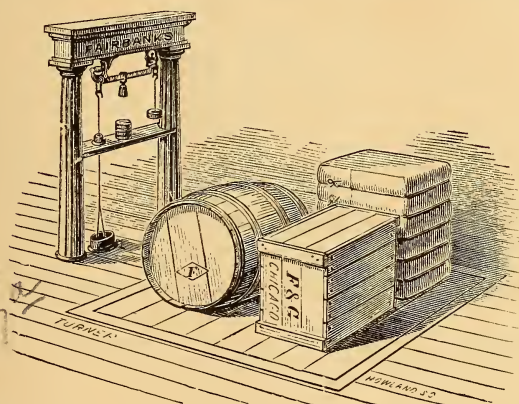
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# Illustrated Catalogue

OF

## FAIRBANKS' STANDARD PLATFORM AND COUNTER



## SCALES, AND WEIGHING APPARATUS,

MANUFACTURED BY

E. & T. FAIRBANKS & Co.,

ST. JOHNSBURY, VERMONT, U. S. A.

Principal Warehouses:

No. 252 BROADWAY, NEW YORK.

No. 118 MILK ST., BOSTON.

578 Dec. 13. 1866

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ENTERED, ACCORDING TO ACT OF CONGRESS, IN THE YEAR 1866, BY  
E. & T. FAIRBANKS & CO.,  
IN THE CLERK'S OFFICE OF THE DISTRICT COURT OF THE UNITED STATES FOR THE  
SOUTHERN DISTRICT OF NEW YORK.

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BAKER & GODWIN, PRINTERS,  
PRINTING-HOUSE SQUARE.

# FAIRBANKS' STANDARD SCALES.



TO THE PUBLIC.

**W**ITH the exception of the Locomotive and Railroad Car, no modern improvement or invention for facilitating and expediting the transaction of business has wrought such important changes as the Platform Balance.

Previous to the invention of Platform Scales, transactions by weight were confined, essentially, to the use of the even balance, the Dearborn Beam, and the Roman Steelyards.

## Fairbanks' Standard Scales.

The introduction of Platform Scales has wrought a revolution in almost every department of business where measurement of quantities is required, whether relating to the sale or exchange of commodities, or the transportation of heavy bodies ; so that this instrument, of comparatively recent invention, is absolutely indispensable in the business transactions of the world.

During the year 1830, Platform Scales, the invention of Mr. THADDEUS FAIRBANKS, one of the senior members of our firm, were first introduced into general use.

Letters patent were secured for this invention, and, from time to time, many important improvements have been made, also secured by letters patent, and as manufactured by us, constituting what is universally known as

### FAIRBANKS' PATENT PLATFORM SCALES.

The invention of these Scales, and the improvements that have been from time to time adopted, are the result of many years' close observation and practical experience ; and we have now brought them to such a degree of accuracy that they may safely be relied upon in every transaction by weight. Their construction is upon the most correct mathematical principles ; all defects so commonly



## Fairbanks' Standard Scales.

met with in compound balances have been overcome by practical skill and faithful workmanship; and hence their operation is delicate, *and in every case unerringly correct.*

The reputation which these Scales have acquired has been of steady growth from the commencement to the present time, and is based upon the principle adopted by us, and never deviated from, of allowing none but *perfect-weighing machines* to go forth from our establishment.

By a strict adherence to this principle, the confidence of the public in the accuracy of these weighing machines *has steadily increased*, and with it the demand.

We have received many awards of premiums of Gold and Silver Medals from nearly all the Scientific Associations and Institutes in the United States, also numerous first premiums from State and County Agricultural Societies at their annual fairs; but the *most satisfactory* testimonials which we have received are from the thousands of business men—including the Managers of Railroads, the Officers of Government and other Public Works, Merchants, Manufacturers, the Forwarders of Merchandise, and others—who have, during the last thirty-five years, subjected these Scales daily to severe usage, and to the most rigorous tests.

## Fairbanks' Standard Scales.

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Nearly all the Railroads in the United States and British Provinces are supplied with Scales of our manufacture, and they are extensively used in all parts of the civilized world.

From over one hundred different modifications of our Scales we have selected the following illustrations of a few of the leading sizes and kinds, which will serve to show that they are adapted to a great variety of uses, to suit the requirement of every branch of business.

E. & T. FAIRBANKS & CO.,

*St. Johnsbury, Vermont,*

U. S. A.



# Fairbanks' Standard Scales.

## IMPORTANT FACTS.

These Scales are manufactured only by the Original Inventors, and all others represented as Fairbanks' are mere imitations, of which purchasers should beware.

They are extremely simple in construction, are made of the very best materials, by experienced and intelligent workmen, and under the strictest supervision of the inventors.

They have been in constant use in all branches of business for thirty-five years, in all parts of the world, and having been most thoroughly tried, are the acknowledged standard.

They have taken more first premiums than all other Scales, and, what is of more practical value, have received the award of superior excellence by the vast numbers who have used them for many years.

They are fully warranted not only strong and accurate, but durable; and the manufacturers, who are permanently established and fully responsible, will always be prompt to make this warranty good.

They are, owing to the large experience and superior facilities of the manufacturers, offered at lower prices than other scales of equal size and strength.

They are made of all sizes and capacities, and adapted to all required uses, embracing more than a hundred different modifications.

They are cheap, convenient, strong, accurate and durable, their superiority in these respects having been proven by long use, and no pains will be spared to maintain, and, if possible, improve their quality.

It is a significant fact, which the public will appreciate, that whenever new scales are put upon the market, as large numbers have been from time to time during the last thirty years, it seems to be the first and chief aim of the makers to show that they are the "same as Fairbanks'," or like them, or are improvements upon them, or have taken premiums over them, thus recognizing the latter as the standard for excellence, and showing the strong hold they have upon the public confidence.

A lawsuit which arose from a discrepancy of weights between one of Fairbanks' Scales, in use by the Baltimore and Ohio Railroad Company, and one of another manufacturer, was recently tried in the Court of Common Pleas, Baltimore, Md. The case occupied the Court two days, and Judge Marshall, in delivering his decision, stated, as the result of the evidence, that the accuracy of "Fairbanks' Scales" was established beyond all question.

## Fairbanks' Standard Scales.

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### NOTICE.

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WE are prepared to furnish these Scales adjusted to the standard of weights of all nations—English, French, Spanish, Portuguese, German, Holland, Russian, Turkish, Chinese, or any other standard required.

We would call particular attention to purchasers from those countries where the standard of weights is about being changed to the metrical or French system. We are manufacturing Scales especially arranged for use in such cases. By means of a double weigh-beam the same Scale may be used for either the French or the local standard; a very great convenience, enabling the weigher to convert the weight from one standard to the other without the liability of mistake.

# Fairbanks' Standard Scales.

## CANAL OR WEIGH LOCK SCALES.

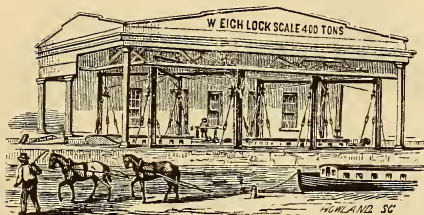


PLATE 1.

FOR WEIGHING LOADED CANAL BOATS,—The levers for this modification of Scale are supported over the lock upon iron columns, with a strong cradle of timber suspended from them in the water. The boat is placed in the lock, and the water drawn out, leaving the boat resting in the cradle. The weight is then ascertained at once from the weigh-beam, which is adjusted to indicate from twenty-five pounds to the full capacity of the Scale.

These Scales are used in all the principal canals in the United States, and give, in every case, the most complete satisfaction.

	PRICE.
Scale of 150 tons capacity.....	\$
“ 250 “ “ .....	
“ 400 “ “ .....	
“ 500 “ “ .....	

# Fairbanks' Standard Scales.

## RAILROAD-TRACK SCALES.

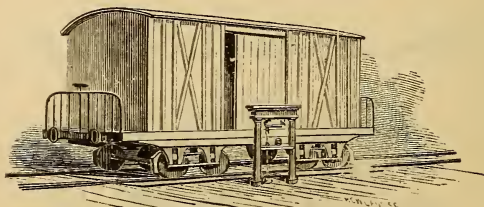


PLATE 2.

FOR WEIGHING LOCOMOTIVES, SINGLE CARS, OR A TRAIN OF CARS.—Recent valuable improvements render this one of the most complete and accurate modifications that we manufacture. They are adjusted to weigh as closely as an ordinary Hay or Coal Scale, and are made of any desired length or capacity, from a Scale 12 feet long, of 10 tons capacity, suitable for a single car, to a scale 130 feet long, of 150 tons capacity, adapted for weighing a whole train of coal cars, and with as much accuracy as one car could be weighed.

The levers for these Scales are arranged so that they require but little depth below the surface, and from this peculiarity can be placed in locations where the presence of water would prevent the use of the old style of scale.

Nearly all the Railroads in the United States and Canadas use these Scales exclusively.

Capacity.	Length of Platf.	Price.	Capacity.	Length of Platf.	Price.
150 tons....	130 feet....	\$	30 tons....	28½ feet....	\$
150 " ....	123 " ....		25 " ....	24 " ....	
100 " ....	112½ " ....		20 " ....	20½ " ....	
75 " ....	84 " ....		20 " ....	23 " ....	
65 " ....	61 " ....		18 " ....	16 " ....	
50 " ....	42 " ....		18 " ....	11 " ....	
30 " ....	33½ " ....		10 " ....	12 " ....	

# Fairbanks' Standard Scales.

## RAILROAD-TRACK SCALE,

WITH PATENT SWITCH.

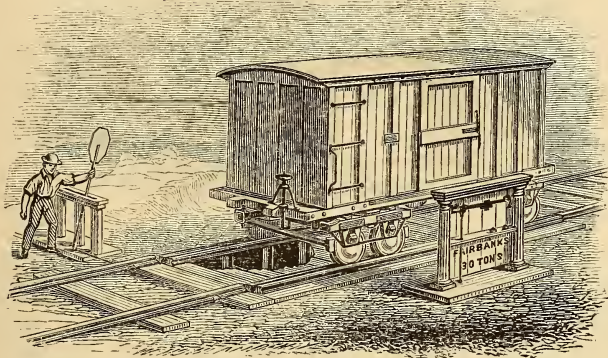


PLATE 3.

This improvement allows a Scale to be located in the main track of a road without its being necessary to run the trains over the Scale, except when required to weigh. It is well known that Scales placed where locomotives with trains are passing over them are very liable to be injured, particularly if passed over rapidly; at the same time, it is often very desirable that the Scales be located in such places. This plan, which covers a double track over the Scale, one track being supported entirely independent of the Scale, and governed by switches at each end, meets the want so often felt by railway engineers, and does away with the necessity of locating the Scale on a siding.

The improvement can be applied to all the Railroad-Track Scales we manufacture. (*See Plate 2.*)



# Fairbanks' Standard Scales.

## HAY SCALES.

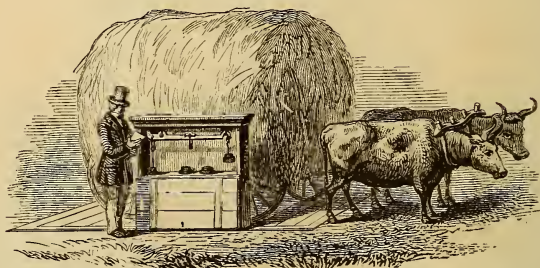


PLATE 4.

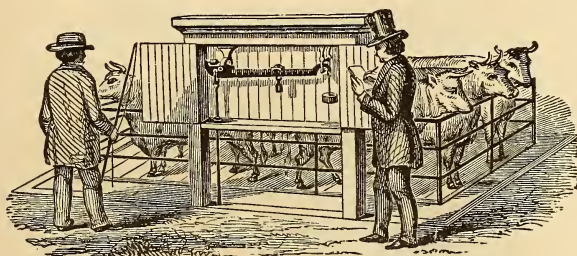
FOR WEIGHING CART OR WAGON LOADS OF HAY, OR FOR GENERAL USE AS A PUBLIC SCALE.—More than *ten thousand* of this modification of Scale have been furnished by us, in all parts of the United States and the British Provinces. Their great convenience to the public renders it almost a necessity that every town and village in the country should be supplied with one or more of them. They are now being adopted very extensively by the farmers of our country, more particularly in the great West, where the correct weight of his crops becomes to the farmer a matter of the first importance. This modification of Scale can be placed in the floor of the barn, or in the open air, as the location may require. They will be put in by experienced workmen in all parts of the country; or, in localities where it is difficult to send a workman of our own, we furnish complete plans for the woodwork and foundation, so that any good mechanic can put them in correctly.

Capacity.	Dimensions of Platform.	Price.
10 tons.....	16 × 8½ feet.....	\$
10 ".....	14 × 8½ ".....	
6 ".....	16 × 8½ ".....	
6 ".....	14 × 8½ ".....	
5 ".....	14 × 8 ".....	
4 ".....	14 × 8 ".....	
3 ".....	14 × 8 ".....	
2 ".....	13 × 7 ".....	



# Fairbanks' Standard Scales.

## CATTLE OR STOCK SCALES.



**PLATE 5.**

These Scales will be made of any desired size of platform or capacity, and may be placed either in the stock yard or stable.

They are adjusted for great precision in weighing, and will be guarantied to give perfect satisfaction. Skilled mechanics are furnished to put them in, the same as for the Hay Scales.

They are exclusively used in all the great stock yards of New York, Buffalo, and Chicago, as well as at the other principal markets for cattle in the United States.

Capacity.	Dimensions of Platform.	Price.
30 tons.....	33 × 12 feet.....	\$
20 " .....	24 × 12 " .....	
10 " .....	18 × 12 " .....	
6 " .....	14 × 8½ " .....	
5 " .....	13 × 8½ " .....	
4 " .....	12 × 9 " .....	
3 " .....	10 × 8 " .....	
2 " .....	10 × 7 " .....	

# Fairbanks' Standard Scales.

## COAL DEALERS' SCALES.

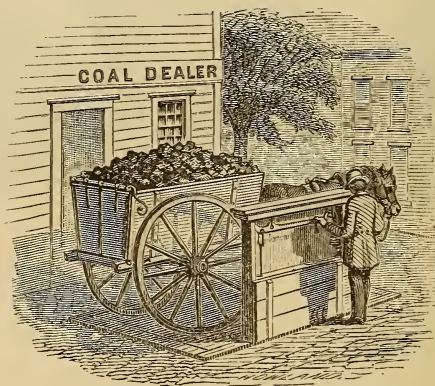


PLATE 6.

WITH PLATFORM ADAPTED FOR WEIGHING HORSE AND CART—MECHANICAL CONSTRUCTION SIMILAR TO THE HAY SCALE.—Arranged so that the weigh-beam may be placed in a box outside, like the cut, or carried into the office. The weigh-beams are adapted to gross or net tons, and for the most rapid weighing. If desired, double weigh-beams are furnished, for greater security in taring the horse and cart.

Capacity.	Dimensions of Platform.	Price.
6 tons.....	14 × 8½ feet.....	\$
5 “ .....	14 × 8 “ .....	
4 “ .....	14 × 7 “ .....	
3 “ .....	13 × 7½ “ .....	

# Fairbanks' Standard Scales.

## SUGAR PLANTATION SCALES.

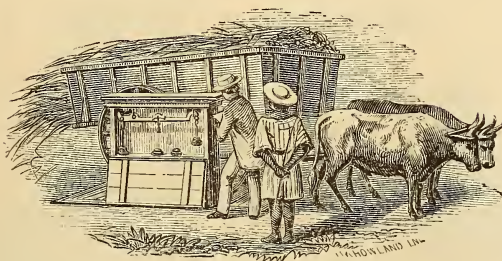


PLATE 7.

FOR WEIGHING SUGAR-CANE AT THE MILL.—The Planters of the West-India Islands having lately adopted the system of purchasing cane of the small producers by weight, as well as to some extent the payment of their laborers in the same way, this modification of Scale was made for that purpose, and has been introduced very extensively, and, in the highest degree, satisfactorily. We furnish the Scale complete, with all the necessary timber properly framed, requiring only suitable foundations where located. Complete plans sent with each Scale, to enable any mechanic to set them up. These Scales are made with weights for either the English, Spanish, or French standard.

Scale 10 tons capacity. Platform 18 × 8 feet. Price \$

## Fairbanks' Standard Scales.

### PORTABLE CART SCALE.

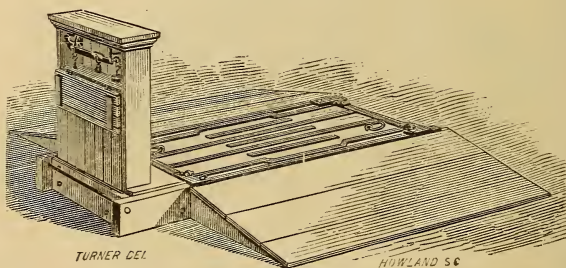


PLATE 8.

FOR WEIGHING TWO-WHEELED CARTS.—This Scale may be used either on the surface, with inclined planes, as represented in the cut, or it may be set in the floor or ground, on a level. For locations where it is desirable to remove the Scale from time to time, this modification is indispensable. The frame of the Scale is made of wood, and as light as can be used with safety. The platform is elevated but eight inches from the floor, and hence a loaded cart can be driven upon it with ease.

Scale 6,000 lbs. capacity. Platform  $6\frac{1}{2} \times 3$  feet. Price \$

# Fairbanks' Standard Scales.

## RAILROAD DEPOT SCALES.

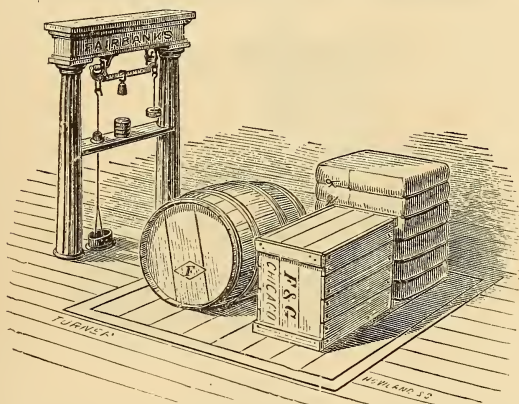


PLATE 9.

FOR WEIGHING MERCHANDISE IN RAILROAD DEPOTS.—  
This well-known modification of Scale is in use by nearly all the Railroad Companies in the United States and British Provinces, as well as in the West Indies and South American States. They are arranged to be framed into and form a part of the floor of the building or wharf, and adapted, in size and capacity, to any desired location.

Class.	Capacity.	Dimensions of Platform.	Price.
No. 1 . . .	12,000 lbs . . .	9 × 10 feet . . .	\$
“ 2 . . .	8,000 “ . . .	7 × 9 “ . . .	“
“ 3 . . .	6,000 “ . . .	5 × 6 “ . . .	“
“ 4 . . .	4,000 “ . . .	4½ × 7½ “ . . .	“



# Fairbanks' Standard Scales.

## DORMANT WAREHOUSE SCALES.

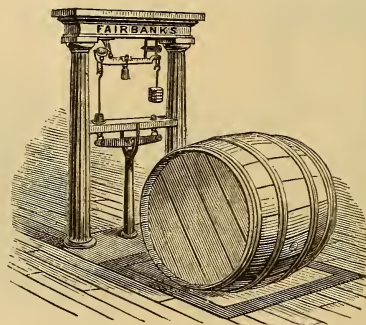


PLATE 10.

FOR WAREHOUSES, MANUFACTORIES, OR RAILWAY STATIONS.—This is a new and very desirable modification of Scale, having a platform quite level with the floor, rendering it particularly convenient where merchandise is to be wheeled upon the Scale for weighing.

The weigh-beam is suspended from two iron pillars, and is arranged with our patent “trig loop” for preventing the wear of the beam-pivots while loading the Scale, and doing away with the use of the “drop-lever.”

Class.	Capacity.	Dimensions of Platform.	Price.
No. 1 . . . .	5,000 lbs . . . .	48 × 48 inches . . . .	\$
“ 4 . . . .	3,500 “ . . . .	41 × 43 “ . . . .	



# Fairbanks' Standard Scales.

## DORMANT WAREHOUSE SCALES.



PLATE 11.

FOR WAREHOUSES, MANUFACTORIES, OR RAILWAY STATIONS.—Arranged with drop-lever for relieving the platform of the Scale while loading, and adapted to all classes of weighing. This Scale is made in the most substantial manner, and is largely used by merchants, forwarders, and manufacturers throughout the country. Each Scale is furnished complete in itself, so that any carpenter can place it properly in the floor of a warehouse.

Class.	Capacity.	Dimensions of Platform.	Price.
No. 1 . . . .	5,000 lbs. . . .	48 × 48 inches . . . .	\$
" 4 . . . .	3,500 " . . . .	41 × 43 " . . . .	
" 5 . . . .	2,500 " . . . .	30 × 36 " . . . .	
" 7 . . . .	2,000 " . . . .	24 × 30 " . . . .	
" 9 . . . .	1,500 " . . . .	21 × 28 " . . . .	

# Fairbanks' Standard Scales.

## PORTABLE WAREHOUSE SCALES.

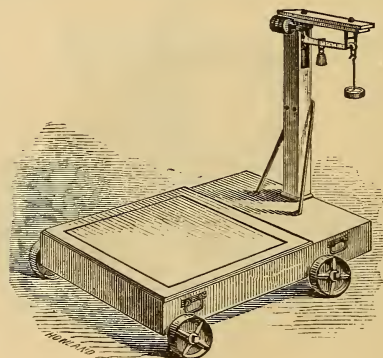


PLATE 12.

FOR RAILWAY STATIONS AND CANAL FORWARDERS.—  
Particularly adapted for weighing heavy merchandise or freight on wharves or docks, where it is required to move the Scale often. The box or frame of the Scale is made of hard wood, and is mounted on strong wheels of small diameter, with axles arranged to bring the surface of platform as near the floor as possible, for convenience in weighing. They will be furnished with wheels or without, as may be ordered.

Class.	Capacity.	Dimensions of Platform.	Price.
No. 1 . . . .	5,000 lbs . . . .	48 × 48 inches . . . .	\$
“ 4 . . . .	3,500 “ . . . .	41 × 43 “ . . . .	
“ 5 . . . .	2,500 “ . . . .	30 × 36 “ . . . .	

# Fairbanks' Standard Scales.

## PORK-PACKING SCALE.

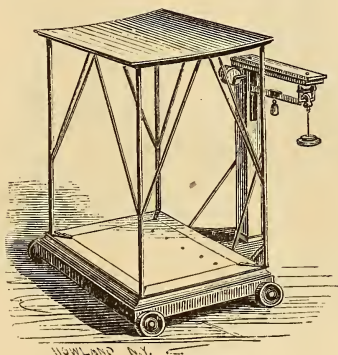


PLATE 13.

FOR WEIGHING DRESSED HOGS.—This Scale is arranged with a platform of iron of a suitable height to receive the dressed hog from the shoulders of a workman, and, after weighing, it is removed in a similar manner. The object of the elevated platform is to enable the workman to place the hog upon the Scale and remove it without stooping. This, in a large establishment, is an invaluable Scale, saving a great amount of time in weighing and hard lifting.

Capacity, 1,000 lbs. Platform 30 × 42 inches. Price \$

# Fairbanks' Standard Scales.

## GRAIN, OR HOPPER SCALES.

DORMANT PATTERN.

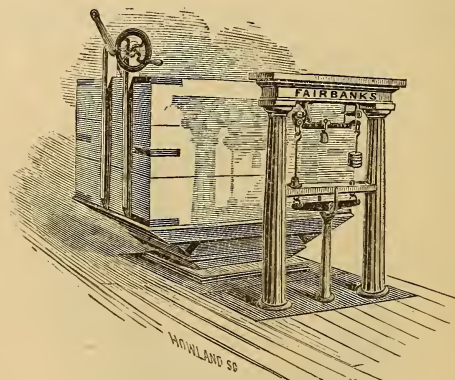


PLATE 14.

FOR WEIGHING GRAIN IN BULK.—Used in Mills, Grain Stores, and Grain Elevators. This Scale is invaluable for the purposes to which it is adapted, and is, in all respects, a labor-saving machine. Upon the Scale is placed a large “hopper” of sufficient capacity to hold, in bulk, the amount of grain desired to be weighed at one draft. This hopper has an outlet through the Scale, governed by a trap or slide. The grain is let in through the elevator spout, weighed, and discharged through the bottom of the Scale, and carried, by machinery or otherwise, to the vessel, or wherever required. This operation is performed with great rapidity and with the utmost accuracy.

Capacity by Bushels.	Capacity by Weight.	Price.
500 bushels.....	30,000 lbs.....	\$
300 “ .....	18,000 “ .....	
200 “ .....	12,000 “ .....	
125 “ .....	7,500 “ .....	
100 “ .....	6,000 “ .....	
60 “ .....	3,600 “ .....	

# Fairbanks' Standard Scales.

## GRAIN, OR HOPPER SCALES.

PORTABLE PATTERN.

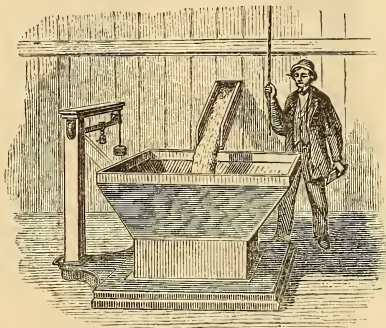


PLATE 15.

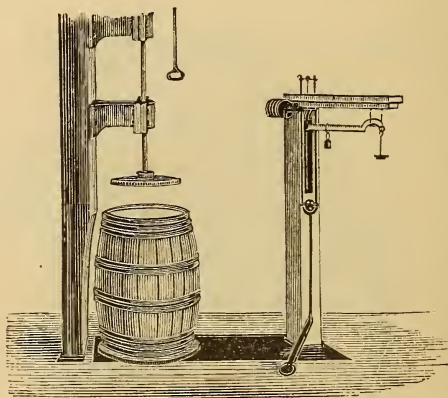
FOR WEIGHING GRAIN IN BULK.—This modification of Scale is adapted for Mills or Stores where grain of less quantities is desired to be weighed than in Plate 14, or where it is desirable to move the Scale from one place to another. The Hopper may be arranged to discharge the grain through the Scale to the floor below, or, by means of a trap on the side, may be discharged upon the same floor where it stands.

Capacity in Bushels.	Capacity in Weight.	Price.
40 bushels.....	2,500 lbs.....	\$
30    "       .....	2,000   "       .....	



# Fairbanks' Standard Scales.

## FLOUR-PACKING SCALES.

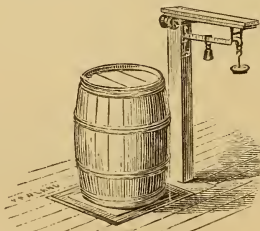


**PLATE 16.**

FOR USE UNDER FLOUR PRESS.—This Scale is of great value in flouring Mills. It is fitted into the floor like a dormant scale, immediately beneath the machinery used in packing, and has a circular platform just large enough to fill the head of a barrel. On this the barrel is placed, empty, and when filled is subjected to the pressure of the packing machinery. A lever, operated by the foot, then brings the apparatus of the Scale into action, and the exact weight of the flour is at once indicated. The Scale has also a smaller platform for packing half-barrels.

Capacity, 300 lbs. Price \$

## DORMANT FLOUR SCALE.



**PLATE 17.**

TO BE USED SEPARATE FROM PRESS.—Capacity, 600 lbs. Platform, 25 by 16 inches. Price \$



# Fairbanks' Standard Scales.

## WHEELBARROW SCALES.

PORTABLE.

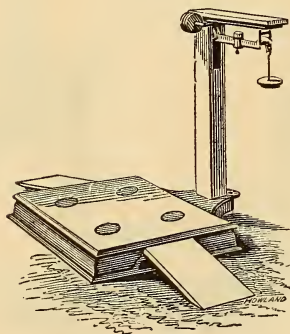


PLATE 18.

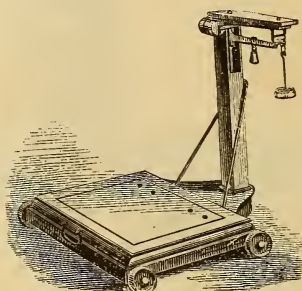
This Scale is designed for weighing coal in wheelbarrows, and has a weigh-beam and weights arranged so as to indicate the weight of the coal with the tare deducted, and also has weights calculated for divisions, by wheelbarrow loads, of the gross ton. The Scale is made entirely of iron, so that exposure to the weather will not damage it. The same Scale is furnished with weights for other weighing than coal, if desired.

Capacity, 1,000 lbs. Platform,  $30 \times 42$  inches, Price, \$

# Fairbanks' Standard Scales.

## MILLERS AND GRAIN DEALERS' SCALES.

PORTABLE.



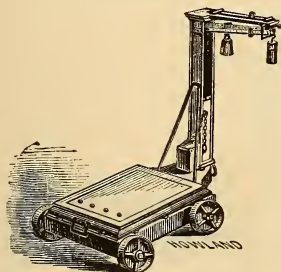
**PLATE 19.**

FOR WEIGHING GRAIN IN BAGS, OR OTHER BULKY MERCHANDISE.—This is a Scale of comparatively light draft, with a large platform, mounted on wheels of small diameter, and intended for weighing articles of light weight but requiring much space. The same Scale will be furnished without wheels, if desired.

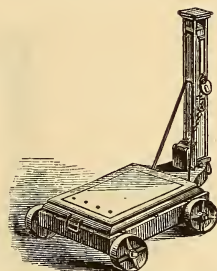
Capacity, 1,000 lbs. Platform, 30 × 42 inches. Price \$

## Fairbanks' Standard Scales.

### PORTABLE DOCK OR LEVEE SCALE.



Cut showing Scale in working order.



Cut showing Scale with beam folded and locked in.

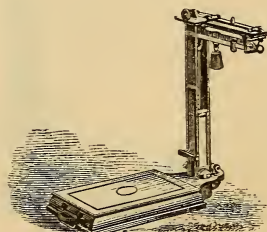
#### PLATE 20.

FOR WEIGHING MERCHANDISE ON THE DOCKS OR LEVEES, OR IN THE OPEN AIR.—This Scale is especially secure from derangement when left exposed to the weather and the operations of thieves. The beam is arranged to fold down into the pillar, with an iron box attached for holding the weights, so that when not in use the beam and weights can be made secure from thieves by means of a lock, as well as protected from the weather. The Scale is mostly of iron, is mounted on strong wheels, has a double weigh-beam with one large poise instead of using a number of weights, and is made in the most thorough and substantial manner for heavy work.

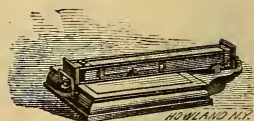
Class No. 7. Capacity, 2,500 lbs. Platform, 23 × 30 inches. Price \$

## Fairbanks' Standard Scales.

### COMMISSARY OR PURSERS' SCALE.



Cut showing Scale in working order.



Cut showing Scale folded down and in condition for transportation.

#### PLATE 21.

FOR USE IN THE ARMY AND NAVY.—This Scale was used very extensively in the army commissary department during the late war in the United States. It is made entirely of iron, is impervious to the action of the weather, and when folded down for transportation will endure the hard service required in moving about without injury to its accuracy in weighing. The weigh-beam is made double so as to require but one weight, with a pocket in the platform to secure the weight in transportation. It is the most convenient and durable Scale for the service ever used.

From the small space into which it can be reduced, it is peculiarly desirable for use on board ship.

Capacity, 600 lbs. Platform, 16 × 25 inches. Price \$

# Fairbanks' Standard Scales.

## ROLLING MILL OR IRON SCALES.

PORTABLE.

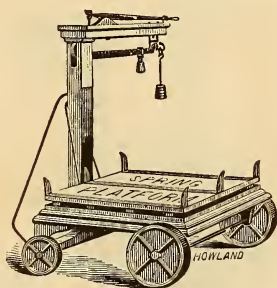


PLATE 22.

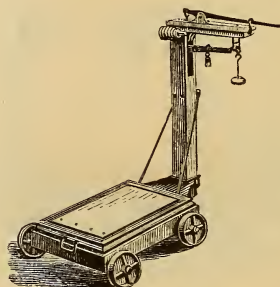
FOR FOUNDRIES, ROLLING MILLS, IRON MANUFACTORIES, &c.—These Scales are made in the most durable manner, and intended for the heaviest weighing and roughest usage. By a new and valuable improvement, they are fitted with double platforms supported upon India-rubber Springs, which act to prevent any breakage in the concussions caused by throwing on heavy weights. The platforms are fitted with racks for weighing bar-iron, or with a plain surface. The forward wheels are attached to a vibrating axle, rendering it easy to move the Scale about.

Class.	Capacity.	Dimensions of Platf.	Price.
No. 1 . . . .	4,000 lbs. . . .	30 × 39 inches . . . .	\$
“ 2 . . . .	2,500 “ . . . .	23 × 30 “ . . . .	

# Fairbanks' Standard Scales.

## PORTABLE PLATFORM SCALES.

WITH HEAVY WHEELS AND DROP LEVER.



**PLATE 23.**

This modification of Scale is intended for general mercantile or manufacturing purposes. They are made very strong, are mounted on heavy iron wheels and axles for convenience in moving from one point to another, and are fitted with drop levers for the purpose of relieving the working part of the Scale from strain while loading.

Class.	Capacity.	Dimensions of Platf.	Price.
No. 2....	3,000 lbs....	30 × 39 inches....	\$
" 7....	2,500 "	23 × 30 "	...
" 8....	2,000 "	23 × 30 "	...
" 9....	1,500 "	21 × 28 "	...
" 10....	1,200 "	20 × 28 "	...
" 10½....	1,000 "	17 × 26 "	...



# Fairbanks' Standard Scales.

## PORTABLE PLATFORM SCALES.

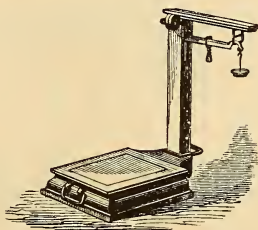


PLATE 24.

FOR GENERAL USE.—This most desirable and convenient modification of Scale is adapted, in its different sizes, to nearly every kind of weighing, and is in universal use throughout the Western continent. By a skillful combination of wood and iron in its principal materials, great strength is secured with lightness, rendering it exceedingly portable, and perfectly reliable in all respects.

Class.	Capacity.	Dimensions of Platf.	Price.
No. 7....	2,000 lbs....	23 × 30 inches....	\$
" 8....	1,600 " ....	23 × 30 " ....	
" 9....	1,400 " ....	21 × 29 " ....	
" 10....	1,200 " ....	20 × 28 " ....	
" 10½...	900 " ....	17 × 26 " ....	
" 11....	600 " ....	16 × 25 " ....	
" 11½...	400 " ....	15 × 21 " ....	

# Fairbanks' Standard Scales.

## PORTABLE PLATFORM SCALES.

WITH WHEELS.

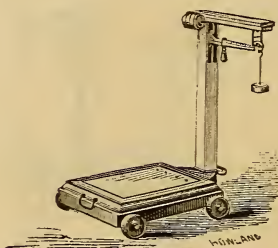


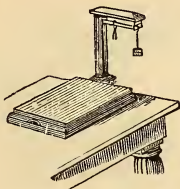
PLATE 25.

FOR GENERAL USE.—This modification of Scale is the same as described Plate 24, with the exception of being mounted on wheels and axles for greater convenience in moving about. These Scales are all fitted with our patented “trig loop,” an arrangement for confining the weigh-beam while loading the Scale, or when not in use, thus saving a great amount of wear in the working parts.

Class.	Capacity.	Dimensions of Platf.	Price.
No. 7....	2,000 lbs....	23 × 30 inches....	\$
“ 8....	1,600 “ ....	23 × 30 “ ....	
“ 9....	1,400 “ ....	21 × 29 “ ....	
“ 10....	1,200 “ ....	20 × 28 “ ....	
“ 10½....	900 “ ....	17 × 26 “ ....	
“ 11....	600 “ ....	16 × 25 “ ....	
“ 11½....	400 “ ....	15 × 21 “ ....	

# Fairbanks' Standard Scales.

## PLATFORM COUNTER SCALES.

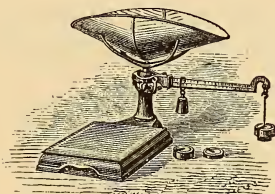


**PLATE 26.**

FOR SMALL GROCERS AND MARKET-MEN.—A very convenient and useful modification. The same scale is made with a pillar of sufficient height to stand on the floor.

Class No. 12. Capacity, 240 lbs. Platform, 13 × 19 inches. Price \$

## UNION SCALE.



**PLATE 27.**

FOR GROCERIES, MARKETS, OR FAMILY USE.—This modification, combining the Platform with the Counter Scale, is one of the most generally used and highly approved Scales that we manufacture. By a patented contrivance, we are able to connect both the Platform and Scoop with one weigh-beam, and insure perfect accuracy in weighing.

Capacity of the platform, 240 lbs. by quarter pounds.

“ “ scoop, 30 “ “ half ounces.

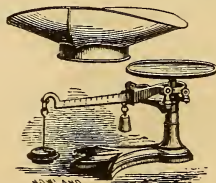
Dimensions of platform, 10 × 13½ inches.

Price, with tin scoop.....\$

“ “ brass or copper scoop.....

# Fairbanks' Standard Scales.

## GROCERS' SCALES.



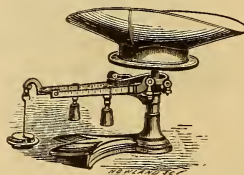
**PLATE 28.**

FOR RETAIL GROCERS.—Made with a movable scoop, for convenience in weighing boxes or packages, as well as retailing. Scoop of tin, brass, or copper.

Capacity, 62 lbs. by half ounces.  
 Price, with tin scoop.....\$  
 “ “ brass or copper scoop.....

## GROCERS' SCALES.

WITH DOUBLE BEAM.



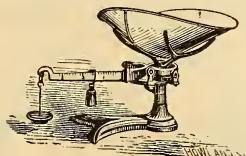
**PLATE 29.**

FOR RETAIL GROCERS.—Same modification as above (Plate 28) and adapted for same purposes, but has two weigh-beams, one set of weights answering for both. The object of the second beam is to secure the net weight and tare by one operation where articles are to be weighed out in dishes or boxes.

Capacity, 62 lbs. by half ounces.  
 Price, with tin scoop.....\$  
 “ “ brass or copper scoop.....

# Fairbanks' Standard Scales.

## COUNTER SCALES.



**PLATE 30.**

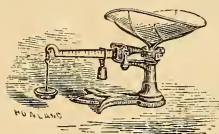
FOR RETAIL GROCERS.—A well-known Scale, and universally used. Convenient for retailing flour, sugar, tea, or other articles to be weighed in bulk, having a scoop of large capacity, and indicating the weight of a half ounce as correctly as its full capacity.

Capacity, 36 lbs. by half ounces.

Price, with tin scoop.....\$

“ “ brass or copper scoop.....

## DRUGGISTS' SCALES.



**PLATE 31.**

FOR DRUGGISTS OR TEA DEALERS.—Made similar to the Counter Scale (Plate 30), but adjusted for weighing very closely. The weigh-beam is in divisions of one-sixteenth of an ounce or drachms, and is suitable for weighing drugs or fine teas or other valuable articles requiring great delicacy of operation. They are also adjusted to Troy weight for weighing valuable metals or silks.

Capacity, 8 lbs. by one-sixteenth of an ounce.

Price, with tin scoop.....\$

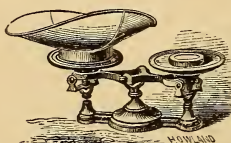
“ “ brass scoop.....



# Fairbanks' Standard Scales.

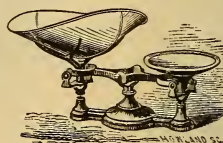
## EVEN-BALANCE SCALES.

FOR GROCERS.



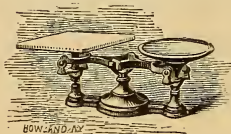
**PLATE 32.**

FOR CONFECTIONERS OR TEA DEALERS.



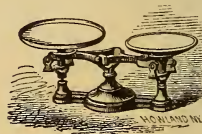
**PLATE 33.**

FOR MARKET-MEN.



**PLATE 34.**

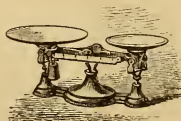
FOR DRUGGISTS.



**PLATE 35.**

These Scales are made in great variety, and of any desired size or capacity, and suitable for all kinds of weighing. They are furnished with weights of Iron, Zinc, or Brass.

## BUTTER SCALES.

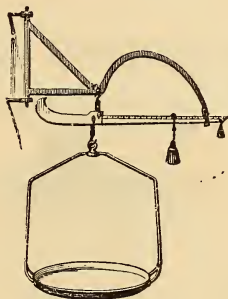


**PLATE 36.**

FOR RETAILING BUTTER.—Arranged with a balance-beam on one side of the Scale, to balance the dish before weighing the butter. Very convenient and accurate, and may be used for other weighing. The plates to the Scale are made of brass to prevent corrosion. These Scales are made of several sizes to suit the trade.

# Fairbanks' Standard Scales.

## MARKET SCALE.



**PLATE 37.**

FOR WEIGHING MEATS.—Scale furnished with a heavy copper pan tinned inside—pan suspended by strong brass bails; beam and weights of brass; and all suspended from a swinging arm, or from a hook. The most convenient and accurate Market Scale manufactured.

Capacity, 125 lbs.....	Price \$
“ 100 “ .....	“
“ 50 “ .....	“

## COUNTER SCALE.



**PLATE 38.**

With scoop and pan of tin or brass, and adapted for the use of Grocers, Confectioners, Bakers, or Druggists. Made of any size and capacity desired.

# Fairbanks' Standard Scales.

## IMPROVED LETTER BALANCE.

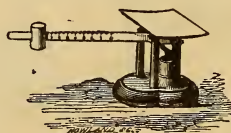


PLATE 39.

FOR POST OFFICE USE.—These Balances have been adopted by the U. S. Post Office Department, and are now in use in all parts of the country. We furnish them by the package, or singly.

Class.	Capacity.	Price.
No. 1.	One-fourth ounce to eight ounces ..	\$
“ 2.	One-half “ “ two pounds ..	

## DYNAMOMETER.



PLATE 40.

FOR ASCERTAINING THE DRAFT OF PLOWS, WAGONS, MOWING MACHINES, &c.—Capacity from 600 to 1,600 lbs. Price according to capacity.

## Fairbanks' Standard Scales.

### WEIGHMASTERS' BEAMS.

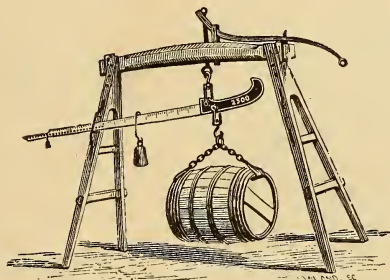


PLATE 41.

FOR WEIGHING GENERAL MERCHANDISE.—These machines are made of any required capacity or size, and are furnished with hooks for hogsheads, barrels, boxes, bales of cotton, or other goods; with platforms for bags of coffee or grain, wool, hides, dyewoods, tea, &c.; with “cradles” for pig or bar iron; or fitted with proper appurtenances for any other desired class of weighing for which they may be adapted. The weigh-beams are made of iron, brass, or steel, as may be required.

Price according to style and capacity.

Fairbanks' Standard Scales.

# FAIRBANKS' STANDARD SCALES.



## WAREHOUSES:

FAIRBANKS & CO., 252 Broadway, New York.  
FAIRBANKS & CO., 246 Baltimore St., Baltimore, Md.  
FAIRBANKS, BROWN & CO., 118 Milk Street, Boston,  
Mass.  
FAIRBANKS & EWING, Masonic Hall, Philadelphia, Pa.  
FAIRBANKS, GREENLEAF & CO., 226 and 228 Lake  
Street, Chicago, Ill.  
FAIRBANKS, MORSE & CO., 125 Walnut Street, Cin-  
cinnati, Ohio.  
FAIRBANKS, MORSE & CO., 182 Superior Street,  
Cleveland, Ohio.  
FAIRBANKS & HUTCHINSON, 120 California Street,  
San Francisco, Cal.  
FAIRBANKS & CO., 72 Camp Street, New Orleans, La.

## MANUFACTURERS:

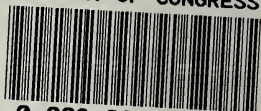
E. & T. FAIRBANKS & Co.,

ST. JOHNSBURY, VERMONT.





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